

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	ehrman-kenneth-s.in. jagid-jeffrey-m.in. ehrman-michael-l.in. orris-john.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 14:57
S2	72	("20010005178" "20020065698" "20020184062" "20030055666" "20030056113" "20030074244" "20030130913" "20030171939" "20030195825" "20030216976" "20030225707" "20040015419" "20040204867" "3705976" "4303904" "4338587" "4398172" "4438491" "4549264" "4603390" "4656463" "4688026" "4908500" "4937581" "4979170" "5086389" "5089974" "5101200" "5119104" "5151684" "5166872" "5192954" "5204670" "5204675" "5206643" "5218344" "5231584" "5253162" "5257393" "5281859" "5287353" "5289369" "5295244" "5303343" "5321584" "5327144" "5347274" "5396215" "5426425" "5682142" "5691980" "5715905" "5794174" "5822309" "5892441" "6006148" "6104712" "6141610" "6150921" "6240365" "6330499" "6430488" "6476763" "6505106" "6507786" "6539393" "6609082" "6614349" "6710738" "6898493" "6927748" "6941202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/18 14:39
S3	403	307/11.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/18 14:50
S5	2567	307/10.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/18 16:32
S6	870	S5 and "power supply"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/18 16:32
S7	1385	"forward converter"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 10:28
S8	995	S7 and "power supply"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 10:28
S9	369	S8 and (boost or booster)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 11:15

## EAST Search History

S10	79	S9 not ("323".clas. or "363".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 12:35
S11	19063	DC near DC	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 12:38
S12	3614871	plural many multiple	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 12:41
S13	31775	S12 near (output voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 12:42
S14	1150	S11 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 12:43
S15	129	S14 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 12:43
S16	10976	(resonant near reset) (coupled near inductor) (isolation near transformer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 15:13
S17	379	S7 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:42
S18	4	(coupled near inductor) same (isolation near transformer) same S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:32
S19	2205	(boost booster) same (selective sleep inactive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:33
S20	473	S19 and "power supply"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:33
S21	179	363/21.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 09:33
S22	223	boost near pulse	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 09:37
S23	10	("3381202"   "3559031"   "3596172"   "3913000"   "3935526"   "3984799"   "4063307"   "4163278").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:13
S24	24	("4245286").URPN.	USPAT	OR	ON	2006/09/25 12:41
S25	12	forward near boost near converter	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 15:28

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S26	29206	"pulse wave modulation" "pulse wave modulator" "PWM"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 16:26
S27	113	(boost booster) same forward same S26	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 16:27
S28	28	("3581212"   "3824441"   "3824450"   "4353112"   "4541039"   "4625271"   "4841165"   "4994952"   "5041956"   "5282125"   "5282126"   "5285369"   "5349514"   "5392206"   "5555150"   "5644480"   "5646832"   "5689409"   "5703767"   "5715153"   "5742495"   "5754413"   "5812383"   "5812385"   "5875103"   "5880942"   "5943225"   "5949154").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:02
S29	5814413	multiple plural multi dual two	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:03
S30	4340285	stage step level	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:05
S31	460681	S29 near S30	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:07
S32	35280	S31 same (converter supply)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:07
S33	56	S32 same forward same (boost booster)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:08
S34	5	("5757166"   "5914587"   "5923153"   "6188207"   "6690143").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:12
S37	729157	disable shutdown "shut-down" "cut off" "cut-off" disengage deactivate	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:52
S38	593081	regulator converter	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 09:52
S39	39	S37 near S38 near signal	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 16:02
S43	6	363/21.02.ccls. and 363/21.04.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:18

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S44	185	363/21.04.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:18
S45	22	S44 and ((isolated or isolation) near transformer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 14:18
S46	3	("4318165"   "5883795"   "6295213").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:05
S47	106	363/21.02.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:22
S48	22	S47 and reset	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/26 15:25
S49	169	((standby sleep) near (signal input)) same converter	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 14:18
S50	2590	disable same signal same converter	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 14:20
S51	3438	disable same signal same "power supply"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 14:20
S52	383	(disable near signal) same converter	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 14:21
S53	10911	(disable near signal) same "power supply"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 14:20
S54	171	S52 and "power supply"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 14:21
S55	57	power same state same indicator same off same sleep	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 15:52
S56	699	sleep near off	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 15:52
S57	493	power near supply near indicator	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 15:53
S58	5	S57 same sleep	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 15:54

## EAST Search History

S59	18	S57 and sleep	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 16:02
S61	79	S60 and power	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 16:04
S62	2	S60 and (power near indicator)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 16:11
S63	258	visual near status near indicator	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 16:44
S64	215	S63 and power	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/27 16:30
S65	84	voltage near input near protection	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 07:57
S66	78	cross near (regulated regulation) same transformer	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 08:36
S67	253	trifilar	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 10:09
S68	7	trifilar and interleaved	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 08:49
S69	61	interleaved near transformer	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 09:13
S74	320	((wide near range near input) same converter) and power	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 12:29
S75	89	((wide near range near input) same (DC near converter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 12:29
S77	246	cross adj regulation	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/29 07:31